

Converting Colors

HunterLab(42.6895, 73.5606,
24.0695)

Have a look what the booklet for
HunterLab(42.6895, 73.5606,
24.0695) contains.

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Color

**HunterLab(42.6635, 73.5250,
23.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	ED002E
RGB	237, 0, 46
RGB Percent	93%, 0%, 18%
CMY	0.0706, 0.9998, 0.8196
CMYK	0.00, 1.00, 0.81, 0.07
HSL	348°, 100%, 46%
HSV	348°, 100%, 93%
XYZ	35.4181, 18.2017, 4.2313
YIQ	76.1070, 126.4860, 64.5500

Conversions

Conversions Part 2

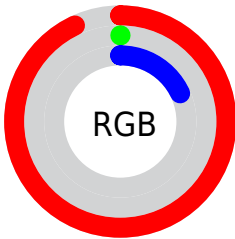
Format	Color
R_{YB}	237, 0, 46
Decimal	15532078
CIE Lab	49.74, 76.44, 45.60
CIE LCh	50, 89.007, 30.820
Yxy	18.2029, 0.6122, 0.3146
Android (android.graphics.Color)	4293722158 (0xFFED002E)
YUV	76.1070, -14.8428, 141.1032
Hunter-Lab	42.6635, 73.5250, 23.9842

Details

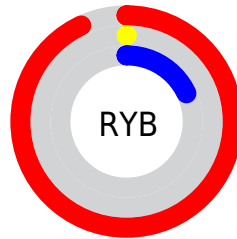
The HunterLab color **42.6635, 73.5250, 23.9842** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **80.2075, -52.0227, 12.0523**, and the grayscale version is **26.9531, -1.4382, 1.4644**.

A 20% lighter version of the original color is **54.6617, 58.2474, 23.4692**, and **29.4281, 50.4039, 18.9580** is the 20% darker color. If you saturate the color by 10%, you get **42.6629, 73.5230, 23.9905**, and if you desaturate by 10%, it is **43.6241, 71.7949, 21.3193**.

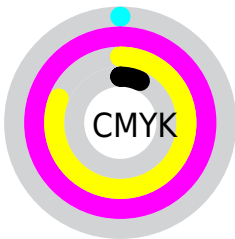
Distribution



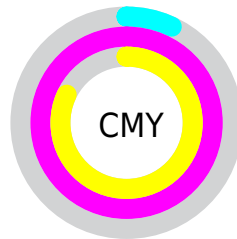
- Red (93%)
- Green (0%)
- Blue (18%)



- Red (93%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.6635, 73.5250, 23.9842 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 42.6635, 73.5250, 23.9842 by changing the saturation by 10% instead.


 42.6635, 73.5250,
23.9842


 42.6635, 73.5250,
23.9842


155.5674, 92.5052,
51.4375


 33.3103, 71.1383,
20.1967

 63.5474, 78.2916,
30.9171


 24.7614, 68.9291,
16.3829

 74.9829, 80.5864,
34.1373

 17.1028, 67.2511,
11.9720


 87.0322, 82.7964,
37.2320

 10.4534, 67.1457,
7.3174

 99.6657, 84.9165,
40.2227

0.0000, INF, NaN

0.0000, INF, NaN

 112.8574, 86.9455,
43.1262

0.0000, NaN, NaN

 126.5846, 88.8849,

0.0000, NaN, NaN

45.9561

0.0000, NaN, NaN

140.8273, 90.7371,
48.7236

■ 42.6635, 73.5250,
23.9842

■ 42.6635, 73.5250,
23.9842

■ 42.6629, 73.5230,
23.9905

■ 43.6241, 71.7949,
21.3193

■ 45.5166, 67.6747,
18.2503

■ 48.4940, 61.0897,
15.1613

■ 52.5156, 52.7013,
12.3411

■ 57.4733, 43.2690,
9.9654

■ 63.2356, 33.4023,
8.0970

■ 69.6750, 23.4932,
6.7220

■ 76.6807, 13.7523,
5.7891

■ 84.1618, 4.2698,
5.2353

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.6649, 89.5864, 3.2407



42.6635, 73.5250, 23.9842



42.6649, 36.3296, 29.0834

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.6649, 73.5195, 23.9850



42.6649, -46.9928, 23.3914



42.6649, -1.2980, -126.8311

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.6635, 73.5250, 23.9842



80.2075, -52.0227, 12.0523

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.6649, -30.7015, -102.0456



42.6635, 73.5250, 23.9842



42.6649, -51.3031, 1.3831

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.6649, 73.5195, 23.9850



42.6649, -31.9031, 28.9596



42.6649, -46.4753, -46.0899



42.6649, 38.5935, -99.4243

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.6635, 73.5250, 23.9842



42.6649, 9.1573, 29.8654



42.6649, -46.4753, -46.0899



42.6649, -12.6243, -124.2185

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.6649, 73.5195, 23.9850



75.6077, 25.6828, 7.3224



41.2466, 85.4515, -88.2570



33.5733, 13.9852, 3.6528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.6649, 73.5195, 23.9850



46.3525, 79.8665, 26.1806



47.4646, 56.7869, 30.2395



38.8610, 1.7416, 2.3971



31.5464, 54.4109, 17.3875



8.9142, 15.5211, 3.7813

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.6649, 73.5195, 23.9850



46.3525, 79.8665, 26.1806



57.7555, -11.7294, -46.8654



38.8610, 1.7416, 2.3971



31.5464, 54.4109, 17.3875



8.9142, 15.5211, 3.7813

Previews

White Background



This preview shows how the HunterLab color 42.6635, 73.5250, 23.9842 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.6635, 73.5250, 23.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.6635, 73.5250, 23.9842 Background



This preview shows how black text looks on a background with the HunterLab color 42.6635, 73.5250, 23.9842.



This preview shows how white text looks on a background with the HunterLab color 42.6635, 73.5250,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.6635, 73.5250, 23.9842

Protanopia

43.2737, -4.5898, 18.1847

Deuteranopia

43.2355, 2.6881, 25.2666



Tritanopia

42.8593, 70.1818, 27.6384

Trichromacy



Original Color

42.6635, 73.5250, 23.9842

Protanomaly

37.5151, 29.7921, 16.2060

Deuteranomaly

38.5041, 34.4339, 21.9985

Tritanomaly

42.6159, 71.3402, 26.7709

Monochromacy



Original Color

42.6635, 73.5250, 23.9842

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.6522, 29.0885, 6.8256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6635, 73.5250, 23.9842 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 46)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6635, 73.5250, 23.9842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 0, 46) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(237, 0, 46) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(237, 0, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(237, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.6635, 73.5250, 23.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 46) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237, 0,  
46) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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